

PrecisionFlex® LGX MPO Cassettes

PrecisionFlex® LGX MPO Cassettes are MPO cassettes for use with Sumitomo Electric Lightwave's PrecisionFlex® LGX Patch Panels, or any LGX compatible panel. Available with up to 3 MPO/MTP input ports and up to 24 LC Duplex outputs, the powder-coated, steel-bodied cassettes provide excellent protection for this interconnect. Available in a wide range of configurations, PrecisionFlex® LGX MPO Cassettes provide for a simple and straightforward solution for rack needs.



FEATURES & BENEFITS

LGX Footprint Compatible Frame

- 72 LC per 1RU
- Robust Metal Body

Numerous MPOs Configurations

- Can Accommodate:
- 1 by 24F, 2 by 12F, or 3 by 8F
- Multiple Polarity Configuration Options; Method A, B, C, and Universal

Port Options

- Handles Both LC, SC, FC, and ST Connectors (Max. 24 LC, 12 SC, 12 FC, & 12 ST)

Multiple Fiber Types

- Available in Multi-Mode & Single-Mode; OM1, OM4 (Compatible with OM2 & OM3), OS1, & OS2

QUICK SPECS

FRONT
CONNECTOR
TYPES

LC, SC,
FC, ST

FACE
CONNECTOR
COUNT

8, 12, 24

FIBER TYPES

OM1, OM4,
OS1, OS2

POLISH TYPES

UPC &
APC

INSERTION LOSS

| CONNECTOR TYPE | FIBER TYPE | POLISH TYPE | LOSS |
|----------------|------------|-------------|---------|
| LC | SM | UPC | 0.25 dB |
| | SM | APC | 0.30 dB |
| | MM | UPC | 0.30 dB |
| MPO | SM | Low Loss | 0.35 dB |
| | SM | Standard | 0.75 dB |
| | MM | Low Loss | 0.35 dB |
| | MM | Standard | 0.60 dB |

RETURN LOSS

| CONNECTOR TYPE | FIBER TYPE | POLISH TYPE | LOSS |
|----------------|------------|-------------|--------|
| LC | SM | UPC | -50 dB |
| | SM | APC | -60 dB |
| | MM | UPC | -25 dB |
| MPO | SM | Low Loss | -60 dB |
| | SM | Standard | -55 dB |
| | MM | Standard | -20 dB |

ORDERING INFORMATION

Instructions: Create a part number by using this character set and codes.

FT 11 - MP 22 3 C 444 - L 5 6 7 - 8

| 1 - FRONT CONNECTOR TYPE | | 2 - FRONT CONNECTOR COUNT | | 3 - FRONT CONNECTOR POLISH TYPE | | 4 - FIBER TYPE | |
|--------------------------|------------------------------|---------------------------|--------------------|---------------------------------|-----|----------------|-----------------------------|
| LC | LC Connector (Max. 24 Ports) | 08 | 8 Connector Ports | U | UPC | OM1 | OM1 |
| SC | SC Connector (Max. 12 Ports) | 12 | 12 Connector Ports | A | APC | OM4 | OM4 (Compatible with OM2/3) |
| FC | FC Connector (Max. 12 Ports) | 24 | 24 Connector Ports | | | OS1 | OS1 |
| ST | ST Connector (Max. 12 Ports) | | | | | OS2 | OS2 |

| 5 - REAR MPO CONNECTOR COUNT | | 6 - MPO GENDER | | 7 - MPO CONFIGURATION METHOD | | 8 - OTHER | |
|------------------------------|---------|----------------|-----------------|------------------------------|----------|---------------|-----------------|
| 1 | 1 MPO | M | Male/Pinned | A | Method A | (leave blank) | Not Applicable |
| 2 | 2 MPO's | F | Female/Unpinned | B | Method B | UNIV | Universal Mount |
| 3 | 3 MPO's | | | C | Method C | GRN | Green Adapter |
| | | | | | | RED | Red Adapter |
| | | | | | | YEL | Yellow Adapter |

EXAMPLE: FT LC - MP 24 A C OS1 - L2MA

PART NO. IS: FTLC-MP24ACOS1-L2MA

Cassette, MPO-LGX, 2x12F MPO (Male/Pinned) - Method A LC/APC